

L Number	Hits	Search Text	DB	Time stamp
1	53	"0022974"	DERWENT	2004/01/26 10:55
2	0	"0022974" and may\$.in.	DERWENT	2004/01/26 10:54
3	1105112	CELL FREE ASSAY FOR PLANT GENE TARGETING AND CONVERSION	DERWENT	2004/01/26 10:55
4	1	CELL.ti. adj FREE.ti. adj ASSAY.ti. adj5 GENE.ti.	DERWENT	2004/01/26 11:51
5	13	recombination same repair same (nucleic or DNA or gene) same cell near2 free	USPAT; US-PGPUB	2004/01/26 11:53
6	191	recombination same repair same (nucleic or DNA or gene) same vitro	USPAT; US-PGPUB	2004/01/26 11:55
7	91	recombination same repair same (nucleic or DNA or gene) same vitro	USPAT	2004/01/26 11:54
8	8	(recombination same repair same (nucleic or DNA or gene) same vitro) same plant	USPAT	2004/01/26 11:54
9	11	(recombination same repair same (nucleic or DNA or gene) same vitro) same plant	USPAT; US-PGPUB	2004/01/26 11:55
10	3	((recombination same repair same (nucleic or DNA or gene) same vitro) same plant) not ((recombination same repair same (nucleic or DNA or gene) same vitro) same plant)	USPAT; US-PGPUB	2004/01/26 11:55

=> d his

(FILE 'HOME' ENTERED AT 11:56:30 ON 26 JAN 2004)

FILE 'MEDLINE, BIOSIS, CAPLUS, AGRICOLA' ENTERED AT 12:01:00 ON 26 JAN 2004

L1 41 S RECOMBINA? AND REPAIR AND (VITRO OR CELL (3A)FREE) AND PLANT  
L2 28 DUP REM L1 (13 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 12:02:47 ON 26 JAN 2004

FILE 'MEDLINE, BIOSIS, CAPLUS, AGRICOLA' ENTERED AT 12:03:18 ON 26 JAN 2004

FILE 'STNGUIDE' ENTERED AT 12:03:18 ON 26 JAN 2004

=> file medline biosis caplus agricola  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.06	23.20

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.69

CA SUBSCRIBER PRICE

FILE 'MEDLINE' ENTERED AT 12:03:50 ON 26 JAN 2004

FILE 'BIOSIS' ENTERED AT 12:03:50 ON 26 JAN 2004  
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FILE 'CAPLUS' ENTERED AT 12:03:50 ON 26 JAN 2004  
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FILE 'AGRICOLA' ENTERED AT 12:03:50 ON 26 JAN 2004

=> s recombina? and repair and (vitro or cell (3a)free)

L3 2629 RECOMBINA? AND REPAIR AND (VITRO OR CELL (3A) FREE)

=> s l3 and (mammal? or eukaryot?)

L4 857 L3 AND (MAMMAL? OR EUKARYOT?)

=> s l4 and mismatch (3a) repair

L5 62 L4 AND MISMATCH (3A) REPAIR

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 42 DUP REM L5 (20 DUPLICATES REMOVED)

=> s l3 and oligonucleotide#

L7 157 L3 AND OLIGONUCLEOTIDE#

=> s l7 and mismatch

L8 28 L7 AND MISMATCH

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 19 DUP REM L8 (9 DUPLICATES REMOVED)

=> d 1-19 ti

L9 ANSWER 1 OF 19

MEDLINE on STN

DUPLICATE 1

TI Stimulation of D-loop formation by polypurine/polypyrimidine sequences.

L9 ANSWER 2 OF 19 MEDLINE on STN

TI DNA pairing is an important step in the process of targeted nucleotide exchange.

L9 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** assay and in vivo method for plant **oligonucleotide**-directed gene **repair** using chloroplast lysate

L9 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** assay and in vivo method for plant **oligonucleotide**-directed gene **repair** using chloroplast lysate

L9 ANSWER 5 OF 19 MEDLINE on STN

TI Mutations within the hMLH1 and hPMS2 subunits of the human MutLalpha **mismatch repair** factor affect its ATPase activity, but not its ability to interact with hMutSalphalpha.

L9 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** assay for plant gene targeting and conversion

L9 ANSWER 7 OF 19 MEDLINE on STN

TI Stimulation of human endonuclease III by Y box-binding protein 1 (DNA-binding protein B). Interaction between a base excision **repair** enzyme and a transcription factor.

L9 ANSWER 8 OF 19 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

TI Mitochondria isolated from liver contain the essential factors required for RNA/DNA **oligonucleotide**-targeted gene **repair**.

L9 ANSWER 9 OF 19 MEDLINE on STN DUPLICATE 2

TI **Repair** of O(6)-methylguanine is not affected by thymine base pairing and the presence of MMR proteins.

L9 ANSWER 10 OF 19 MEDLINE on STN

TI Interaction of the E. coli DNA G:T-**mismatch** endonuclease (vsr protein) with **oligonucleotides** containing its target sequence.

L9 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI Genetic **repair** of mutations in plant **cell-free** extracts directed by specific chimeric **oligonucleotides**

L9 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** chimeraplasty and eukaryotic use of heteroduplex mutational vectors

L9 ANSWER 13 OF 19 MEDLINE on STN DUPLICATE 3

TI A sequence-specific gene correction by an RNA-DNA **oligonucleotide** in mammalian cells characterized by transfection and nuclear extract using a lacZ shuttle system.

L9 ANSWER 14 OF 19 MEDLINE on STN DUPLICATE 4

TI Targeted gene **repair** directed by the chimeric RNA/DNA **oligonucleotide** in a mammalian **cell-free** extract.

L9 ANSWER 15 OF 19 MEDLINE on STN DUPLICATE 5

TI Gene **repair** using chimeric RNA/DNA **oligonucleotides**.

L9 ANSWER 16 OF 19 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI hMSH2 and hMSH6 play distinct roles in **mismatch** binding and  
contribute differently to the ATPase activity of hMutSalpha.

L9 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Genetic manipulation in mammalian cells using an RNA/DNA chimeric  
**oligonucleotide**

L9 ANSWER 18 OF 19 MEDLINE on STN  
TI The Saccharomyces cerevisiae Msh2 protein specifically binds to duplex  
**oligonucleotides** containing mismatched DNA base pairs and  
insertions.

L9 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Processing of Holliday junctions and the **repair** of mismatched  
nucleotides catalyzed by enzymic systems from Saccharomyces cerevisiae